

CLAIMS

We claim:

1. Apparatus comprising:
- an automated transaction machine including:
- an output device;
- a sheet dispenser;
- a computer in operative connection with the output device and the sheet dispenser; and
- software executable in the computer, wherein the software includes a browser, and wherein during operation of the sheet dispenser the software is operative to provide an output through the output device responsive to a first HTML document accessed by the browser.

BOSTON PATENT

Sub
As

Sub
as

2. The apparatus according to claim 1 wherein the first document includes instructions which are operative when processed by the browser to provide the output through the output device, and to cause the computer to operate the sheet dispenser to dispense of a sheet.

3. The apparatus according to claim 1 and further comprising:

at least one server;

a plurality of HTML documents accessible through the server, wherein the first document is accessible through the server; and

wherein the browser is operative to access the first document through the server.

4. The apparatus according to claim 3 wherein the documents accessible through the at least one server includes a dispense document including a dispense instruction, and wherein the computer is operative responsive to processing the dispense document with the browser to operate the sheet dispenser responsive to the dispense instruction, and wherein the machine is operative to access the first document with the browser responsive to the dispense instruction.

5. The apparatus according to claim 4 wherein the machine comprises at least one additional transaction function device, and wherein the plurality of documents accessible through the at least one server includes an additional device document, wherein the additional device

Sub
as

document includes an additional device instruction, and wherein the plurality of documents further includes a second document, and wherein the computer is operative responsive to processing the additional device document with the browser to operate the additional transaction function device responsive to the additional device instruction, and wherein the computer is operative to access the second document with the browser responsive to the additional device document.

6. The apparatus according to claim 4 wherein the dispense document includes a first document access instruction, and wherein the browser processes the first document responsive to the first document access instruction.

7. A method comprising the steps of:

accessing a transaction device operation document with a browser in an automated transaction machine, the transaction device operation document including at least one transaction device instruction;

operating a transaction device in the machine responsive to processing the transaction device operation document with the browser; and

outputting with an output device on the machine an output responsive to processing the transaction device operation document with the browser.

July
as

8. The method according to claim 7 and further comprising the step of:

accessing a first document with the browser responsive to processing the transaction device operation document accessed in the accessing step, wherein in the outputting step the output is generated responsive to processing the first document by the browser.

9. The method according to claim 8 wherein the transaction machine includes a first transaction function device and a second transaction function device, and wherein a transaction device operation document is operative to cause the operation of the first transaction function device in the operating step, and further comprising the steps of:

further accessing a further transaction machine operation document with the browser;

further operating the second transaction function device in the machine responsive to accessing the further transaction machine document with the browser;

further accessing a second document with the browser responsive to receipt of the further transaction machine operation document; and

Sub
a5

further outputting a further output with the output device of the machine responsive to processing the second document with the browser.

10. The method according to claim 7 wherein the output includes a promotional message.

11. The method according to claim 9 wherein the output includes a first promotional message and the further output includes a second promotional message.

12. The method according to claim 8 and prior to the accessing step further comprising the steps of:

inputting user data corresponding to a first user into an input device of the automated transaction machine;

and prior to the step of accessing the first document, further comprising the step of determining an address of a first document to access responsive to the user data input in the inputting step.

13. A method comprising the steps of:

a) executing a series of transaction steps with an automated transaction machine wherein between at least two of consecutive transaction steps a device in the machine operates;

c) providing an output through an output device on the machine responsive to the HTML document while the device operates.

E

add
a